

PROCESS AND APPARATUS FOR CRYSTALLIZATION OF
POLYTRIMETHYLENE TEREPHTHALATE (PTT)

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Abstract of the Disclosure

Disclosed is a process for reducing the self-
adhesiveness of polytrimethylene terephthalate pellets,
10 which can be carried out in a continuous or batch manner
comprising the steps of:

a) introducing polytrimethylene terephthalate
pellets having an intrinsic viscosity of at least about
0.4 dl/g into a conduit containing a liquid which is
15 moving through the conduit, thereby causing the pellets
to move through the conduit with the liquid;

b) adjusting the temperature of the pellets and the
liquid to a temperature of about 50 to about 95°C for a
time sufficient to induce a degree of crystallinity of at
20 least about 35% in the pellets; and

c) separating the pellets from the liquid.